



- Legend:**
- Proposed Ben Aketil Wind Turbines
 - Distance Radii from Outermost Turbine (15, 30, 45km)
 - Viewpoints
 - ▭ National Scenic Areas
 - ▭ Wild Land Areas
- Zone of Theoretical Visibility**
- Any number of blade tips only may be visible (200m)
 - 1 - 3 hubs (122.5m) and any number of blade tips (200m)
 - 4 - 6 hubs (122.5m) and any number of blade tips (200m)
 - 7 - 9 hubs (122.5m) and any number of blade tips (200m)

NOTES:
 This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies produced using the Viewshed routine in the Visibility Analysis plugin for QGIS.
 The areas shown are the maximum theoretical visibility, taking topography into account.
 This visibility map is based on a 'bare earth' model of the landform and does not show any effects of screening from obstacles such as buildings and vegetation.
 The ZTV includes an adjustment that allows for Earth's curvature and light refraction. It is based on a DTM and has a 5m² (to 15km) / 50m² (beyond) resolution.
 Coordinate System: British National Grid
 Projection: Transverse Mercator
 Datum: OSGB 1936
 Units: Meter



Rev	Date	Description	Drn	Chk	App
00	27/03/2023	Final Issue	MP	KA	

Ben Aketil Wind Farm Repowering and Extension



TITLE: Figure 6.5
 Bare Ground ZTV to Tip and Hub

ID: P663617_SH_LAN_LANSH_LVIA_6-5_BareGroundZTV_A1_L

0 5 10
 Kilometres
 Scale: 1:165,000 @ A1

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